**Training Day 1 Report:**

26 June 2025

This session was conducted as part of the Cloud Foundation module on Great Learning. It provided detailed theoretical knowledge and business insights into the practical use of cloud computing in modern IT environments.  
Cloud computing is a transformative model that enables ubiquitous, convenient, and on-demand access to a shared pool of configurable computing resources.

## Main Topic: Definitions, Stories & Business Concerns

Here are the key concepts and their expanded explanations:

1. 1. Definition of Cloud Computing:

- Explanation: Cloud computing is the on-demand availability of computing resources (like servers, storage, databases) over the internet.

- Additional Info: It helps reduce hardware costs and improves accessibility.

- Theory Extension: Cloud computing delivers services over the internet, offering faster innovation, flexible resources, and economies of scale. A key advantage of cloud systems is resource abstraction, enabling users to focus on their applications while the infrastructure is handled by providers.

1. 2. Real-world Stories:

- Explanation: Case studies were shared where companies benefited from cloud adoption.

- Additional Info: Helped understand practical importance.

- Theory Extension: Cloud computing delivers services over the internet, offering faster innovation, flexible resources, and economies of scale. A key advantage of cloud systems is resource abstraction, enabling users to focus on their applications while the infrastructure is handled by providers.

1. 3. Business Drivers:

- Explanation: Reasons why companies shift to cloud — cost savings, speed, scalability, security.

- Theory Extension: Cloud computing delivers services over the internet, offering faster innovation, flexible resources, and economies of scale. A key advantage of cloud systems is resource abstraction, enabling users to focus on their applications while the infrastructure is handled by providers.

## Key Takeaways

- The core value of cloud is its flexibility and cost-efficiency.

- Business use cases helped me understand cloud’s practical benefits.

- Clear understanding of why traditional setups are being replaced.

Additional Insights:  
The training included discussions on real-time scalability, security concerns in public and hybrid deployments, and vendor lock-in. It emphasized the need for professionals to understand pricing models and cloud governance in order to manage resources efficiently.

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